

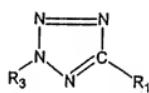
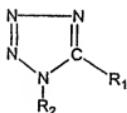
Application No. 10/749,504
Response dated July 5, 2007
to Office Action mailed April 4, 2007

AMENDMENTS TO THE CLAIMS

1-6. Canceled.

7. (Previously Presented) A propellant composition for producing reaction products not having toxic gases in health-endangering concentrations in gas generators, the components of the composition consisting essentially of:

(1) at least one nitrogen-containing compound selected from the group consisting of tetrazole or a tetrazole derivative of the formulae IA or IB:



wherein R₁ and R₂ or R₃ are identical or different and are hydrogen, hydroxy, amino, carboxy, an alkyl residue of 1-7 carbon atoms, an alkenyl residue of 2-7 carbon atoms, an alkylamino residue of 1-10 carbon atoms, an aryl residue, an arylamino residue, a substituted aryl residue or a substituted arylamino residue, the substituted aryl residue or substituted arylamino residue being substituted by one or several substituents which are identical or different, and which are selected from the group consisting of an amino group, a nitro group and an alkyl group of 14 carbon atoms or a sodium, a potassium or a guanidinium salt of said tetrazole or tetrazole derivative;

an oxidizing agent comprising a peroxide or comprising a mixture of a peroxide and a nitrate;

ferrocene as a catalyst;

up to 5 wt.% of a coolant selected from the group consisting of diammonium oxalate, oxalic acid diamide, dicyandiamide, carbonates, and bicarbonates, and combinations thereof; and

up to 5 wt.% of a reducing agent selected from the group consisting of iron powder, magnesium powder, zirconium powder, and titanium powder, and combinations thereof,

wherein the reaction products of the propellant composition do not contain toxic gases in health-endangering concentrations.

8. (Original) A propellant composition according to claim 7, wherein the reaction products of the propellant composition do not contain toxic gases in excess of at least one of MAK and TLV values.

9-12. Cancelled